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Lion Oil Magnolia Spill (FPN E13610)

Magnolia, AR - EPA Region VI
POLREP #1
Initial

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U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lion Oil Magnolia Spill (FPN E13610) - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region VI

Subject: POLREP #1
Initial
Lion Oil Magnolia Spill (FPN E13610)

Magnolia, AR
Latitude: 33.2405560 Longitude: -93.1469440

To:
From: Mark Hayes, Environmental Engineer, OSC
Date: 3/10/2013
Reporting Period: 3/9/2013 - 3/10/2013

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: OPA	Response Type: Emergency
Response Lead: PRP	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 3/9/2012	Start Date: 3/9/2013
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#: 13610	Reimbursable Account #:

1.1.1 Incident Category

Oil Spill Response

1.1.2 Site Description

On March 9, 2013, the Responsible Party, Lion Oil Trading, and Transportation, Inc. (LOTT) notified the National Response Center of an estimated 1500 barrel oil spill near Magnolia, Arkansas. The responsible party reported that the spill occurred from a failure in their suction pump, which transports crude oil from the tank battery to an underground 12 inch transmission line that is monitored with a supervisory control and data acquisition (SCADA) system. The discharged oil filled a containment pond before flowing down gradient and impacting approximately 1 ½ miles of Little Cornie Bayou Creek.

1.1.2.1 Location

Magnolia, Arkansas

1.1.2.2 Description of Threat

1500 Barrel Crude Oil Spill to Little Cornie Bayou Creek

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On 9 March 2013 LOTT deployed 8 vac trucks to recover crude oil within Little Cornie Bayou Creek. LOTT also constructed 2 weir dams on Little Cornie Bayou Creek down gradient from the oil spill source location. Additional hard boom was deployed between the weir dam locations. Collection points for the vac trucks were established at each of the weir dam locations. Vac trucks were also used to remove crude oil from the temporary containment pond. LOTT established 24 hour operations and continued to recover oil using vac trucks at various locations on Little Cornie Bayou Creek throughout the night. Two tracking tanks were deployed onsite and utilized as temporary holding areas for crude oil and freshwater collection. A 25,000 barrel tank located on the facility property is being utilized to store recovered crude oil and freshwater.

On the morning of 10 March 2013, LOTT reported that 1840 bbls of crude oil was recovered. LOTT response personnel and contractor, TAS Environmental, continued oil spill recovery operations with a crew of approximately 20 personnel and 8 vac trucks. Vac truck recovery operations continued throughout the day at the containment pond and weir dam 1, but were slowed by rainfall in the area causing resources and personnel to be redirected to improve access roads. A breach also occurred in Weir dam 1 due to heavy rainfall, but all discharged crude oil remained contained by hard boom and Weir Dam 2.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Continue 24 hour operations

Continue discharged oil recovery operations utilizing vac trucks

Additional personnel and resources as necessary

2.2.1.2 Next Steps

2.2.2 Issues

Significant rainfall event which slowed work activities on 10 March 2013

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.